

CLAIMS

What is claimed is:

1 1. A method for altering text displayed in a formatted page, comprising:
2 locating a buffer of memory locations containing contents of a
3 formatted page;
4 locating a text string between two markers within the buffer;
5 replacing the text string with an alternate text string; and
6 inserting special fill characters in unfilled memory locations between
7 the markers.

1 2. The method of claim 1 wherein the text string is stored as a sequence of
2 Unicode characters.

1 3. The method of claim 1 wherein each marker is a Unicode U+FFFE
2 character.

1 4. The method of claim 1 wherein each marker is a Unicode U+FDEF
2 character.

1 5. The method of claim 1 wherein a Unicode U+200F character is used as
2 a special fill character.

1 6. The method of claim 1 wherein a Unicode U+200E character is used as
2 a special fill character.

1 7. The method of claim 1 wherein the special fill characters are positioned
2 in front of the alternate text.

1 8. The method of claim 7 wherein the special fill character adjacent to the
2 alternate text is a Unicode U+200E character, and a Unicode U+200F character is the
3 special fill character for the rest of the unfilled memory locations.

1 9. The method of claim 1 wherein the formatted page is a web page.

1 10. The method of claim 9 wherein the web page is an HTML page.

1 11. The method of claim 9 wherein the web page is an XML page.

1 12. The method of claim 1 wherein the formatted page is a document page.

1 13. The method of claim 12 wherein the document page is a PDF
2 document page.

1 14. The method of claim 12 wherein the document page is a Word
2 document page.

1 15. The method of claim 1 wherein the text string contains encrypted text
2 and the alternate text string contains decrypted text.

1 16. The method of claim 15 further comprising determining a display page
2 layout based on the contents of the buffer.

1 17. A system for altering text displayed in a formatted page, comprising:
2 a buffer of memory locations containing contents of a formatted page;
3 a search processor locating a text string between two markers within
4 the buffer; and
5 a text processor replacing the text string with an alternate text string
6 and inserting special fill characters in unfilled memory locations between the markers.

1 18. The system of claim 17 wherein the text string is stored as a sequence
2 of Unicode characters.

1 19. The system of claim 17 wherein each marker is a Unicode U+FFFE
2 character.

1 20. The system of claim 17 wherein each marker is a Unicode U+FDEF
2 character.

1 21. The system of claim 17 wherein a Unicode U+200F character is used
2 as a special fill character.

1 22. The system of claim 17 wherein a Unicode U+200E character is used
2 as a special fill character.

1 23. The system of claim 17 wherein the special fill characters are
2 positioned in front of the alternate text.

1 24. The system of claim 23 wherein the special fill character adjacent to the
2 alternate text is a Unicode U+200E character, and a Unicode U+200F character is the
3 special fill character for the rest of the unfilled memory locations.

1 25. The system of claim 17 wherein the formatted page is a web page.

1 26. The system of claim 25 wherein the web page is an HTML page.

1 27. The system of claim 25 wherein the web page is an XML page.

1 28. The system of claim 17 wherein the formatted page is a document
2 page.

1 29. The system of claim 28 wherein the document page is a PDF document
2 page.

1 30. The system of claim 28 wherein the document page is a Word
2 document page.

1 31. The system of claim 17 wherein the text string contains encrypted text
2 and the alternate text string contains decrypted text.

1 32. The system of claim 31 further comprising a display layout processor
2 determining a display page layout based on the contents of the buffer.

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